



Welcome United States Patent and Trademark Office

[Advanced Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)**OPTION 1**

Enter keywords or phrases, select fields, and select operators

<input type="text"/>	in	All Fields	
AND	<input type="text"/>	in	All Fields
AND	<input type="text"/>	in	All Fields
<input type="button" value="Run Search"/> <input type="button" value="Reset"/>			

**OPTION 2**

Enter keywords, phrases, or a Boolean expression

<input type="text" value="capacitor &lt;near/10&gt; image"/>	
<input type="button" value="Run Search"/> <input type="button" value="Reset"/>	

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

**» Publications**☐ Select publications

- ☒ IEEE Periodicals
- ☒ IEE Periodicals
- ☒ IEEE Conference Proceedings
- ☒ IEE Conference Proceedings
- ☒ IEEE Standards

**» Select date range**

- ☐ Search latest content update (13 Jun 2005)
- ☒ From year  to

**» Display Format**

- ☒ Citation
- ☐ Citation & Abstract

**» Organize results**

Maximum

Display  results per page

Sort by

In  order

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE – All Rights Reserved



Welcome United States Patent and Trademark Office

[Advanced Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)**OPTION 1**

Enter keywords or phrases, select fields, and select operators

<input type="text"/>	in All Fields	
<input type="text" value="AND"/>	<input type="text"/>	in All Fields
<input type="text" value="AND"/>	<input type="text"/>	in All Fields
<input type="button" value="Run Search"/>	<input type="button" value="Reset"/>	

**OPTION 2**

Enter keywords, phrases, or a Boolean expression

<input type="text" value="(capacitor &lt;near/10&gt; image) &lt;and&gt; finger"/>	
<input type="button" value="Run Search"/>	<input type="button" value="Reset"/>

- » Note: You may use the search operators <and> or <or> without the start and end brackets <>.
- » Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

**» Publications**

- ☐ Select publications
- ☒ IEEE Periodicals
  - ☒ IEE Periodicals
  - ☒ IEEE Conference Proceedings
  - ☒ IEE Conference Proceedings
  - ☒ IEEE Standards

**» Select date range**

- ☐ Search latest content update (13 Jun 2005)
- ☒ From year  to

**» Display Format**

- ☒ Citation ☐ Citation & Abstract

**» Organize results**

Maximum

Display  results per page

Sort by

In  order

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE - All Rights Reserved



Welcome United States Patent and Trademark Office

[Advanced Search](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)**OPTION 1**

Enter keywords or phrases, select fields, and select operators

<input type="text"/>	in All Fields	
<input type="text" value="AND"/>	<input type="text"/>	in All Fields
<input type="text" value="AND"/>	<input type="text"/>	in All Fields
<input type="button" value="Run Search"/>	<input type="button" value="Reset"/>	

**OPTION 2**

Enter keywords, phrases, or a Boolean expression

<input type="text" value="(capacitor &lt;or&gt; capacitance) &lt;and&gt; image&lt;br/&gt;&lt;and&gt; (finger &lt;or&gt; fingerprint)"/>	
<input type="button" value="Run Search"/>	<input type="button" value="Reset"/>

» Note: You may use the search operators &lt;and&gt; or &lt;or&gt; without the start and end brackets &lt;&gt;.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

## » Publications

☐ Select publications

- ☒ IEEE Periodicals
- ☒ IEE Periodicals
- ☒ IEEE Conference Proceedings
- ☒ IEE Conference Proceedings
- ☒ IEEE Standards

## » Select date range

- ☐ Search latest content update (13 Jun 2005)
- ☒ From year  to

## » Display Format

- ☒ Citation
- ☐ Citation & Abstract

## » Organize results

Maximum

Display  results per page

Sort by

In  order

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2005 IEEE – All Rights Reserved